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Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

**“जानने का अधिकार, जीने का अधिकार”**

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

**“पुराने को छोड़ नये के तरफ”**

Jawaharlal Nehru

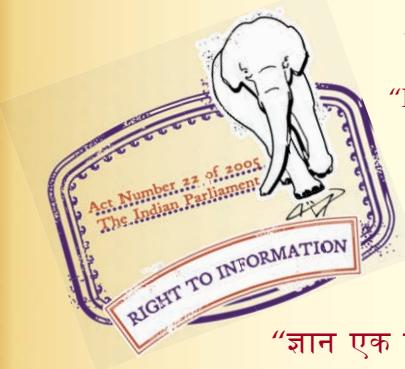
“Step Out From the Old to the New”

IS 9149 (1979): Probe with Eye [MHD 1: Surgical Instruments]

**“ज्ञान से एक नये भारत का निर्माण”**

Satyanaaranay Gangaram Pitroda

Invent a New India Using Knowledge



**“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”**

Bhartṛhari—Nītiśatakam

“Knowledge is such a treasure which cannot be stolen”





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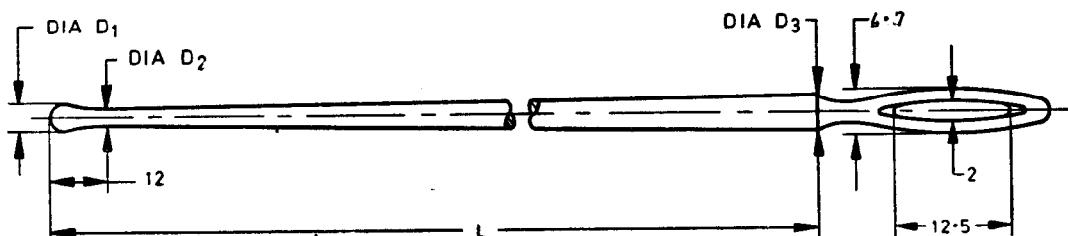


*Indian Standard*  
**SPECIFICATION FOR  
 PROBE WITH EYE**

“पुनर्निर्माण दृष्टिकोण”  
 “RE-AFFIRMED 1996”

**1. Scope** — Dimensional and other requirements for probe with eye used in general surgery.

**2. Shape and Dimensions** — As shown in Fig. 1.



Size	<i>L</i>	<i>D</i> <sub>1</sub>	<i>D</i> <sub>2</sub>	<i>D</i> <sub>3</sub>
1	125	2.5	1.3	3.0
2	150	2.5	1.3	3.0
3	180	2.5	1.3	3.0
4	205	2.5	1.3	3.0
5	225	3.0	2.0	4.0
6	250	3.0	2.0	4.0
7	305	3.0	2.0	4.0
8	380	3.0	2.0	4.0

All dimensions in millimetres.

FIG. 1 PROBE WITH EYE

**2.1** Deviation of  $\pm 2.5$  percent shall be allowed on all dimensions.

**3. Material** — Brass conforming to Designation CuZn42Pb2 of IS : 3488-1968 ‘ Specification for brass bars, rods and sections suitable for forging ’ or CuZn30 or CuZn40 of IS : 4170-1967 ‘ Specification for brass rods for general engineering purposes ’.

**4. Workmanship and Finish**

**4.1** The probe shall be finished smooth and shall be free from sharp edges, pits, burrs, scales, seams and other surface defects.

**4.2** The eye shall be clean and properly formed and shall be free from sharp edges.

**4.3** The probe shall be plated chromium over nickel according to Service Grade 2 of IS : 4827-1968 ‘ Specification for electroplated coatings of nickel and chromium on copper and copper alloys ’.

**5. Marking** — Each probe shall be clearly and indelibly marked with the manufacturer’s name, initials or recognized trade-mark.

**5.1 ISI Certification Marking** — Details available with the Indian Standards Institution.

**6. Packing** — As agreed to between the purchaser and the supplier.